ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276, 217-782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601, 312-814-6026

ROD R. BLAGOJEVICH, GOVERNOR RENEE CIPRIANO, DIRECTOR

(217) 524-1663

June 27, 2005

Mr. Bill Bolen
Chief, Response Section II
Emergency Response Branch
United States Environmental Protection Agency
77 West Jackson Street
Chicago, Illinois 60604-3590

Dear Mr. Bolen:

I am requesting the Region 5 Offices of the United States Environmental Protection Agency (U.S. EPA) assign an On-Scene Coordinator to conduct a time-critical removal assessment and possible removal action at the Havana Right of Way site located in Havana, Mason County, Illinois.

The Havana Right of Way site is composed of five separate parcels of property encompassing approximately 3 acres within the city limits of Havana. The site lies within a mixture of residential, commercial, and industrial properties. Historically, Prairieland Steel operated near the site from 1887 until 1996. It appears that foundry sands from Prairieland Steel may have been deposited throughout the site.

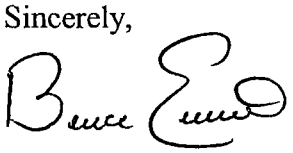
In 2003, Illinois EPA conducted an investigation of the area. It was determined that volatile organic (VOC) and heavy metal contamination existed in the soil and groundwater of the area. At least one waste pile was noted to be present that contained levels of lead as high as 67,000 parts per million (ppm). There are also other areas of contaminated soil throughout the site that contain significant levels of lead contamination. This prompted a Pre-CERCLIS Screening Assessment that was conducted by the Office of Site Evaluation in 2004. Additional areas of soil contamination were found and it was determined that the site should be placed on the Comprehensive Environmental Response, Compensation, & Liability Information System (CERCLIS).

The Illinois EPA investigations have concluded that past foundry operations, possibly from Prairieland Steel, had likely resulted in heavy metal contamination of the on-site soil. Portions of the Pre-CERLCIS Screening Assessment Report are attached to this referral. Additional site information will be made available when the site meeting takes place.

Mr. Mark Weber from the Office of Site Evaluation will serve as Illinois EPA's contact person for Removal Coordination Activities for this project. Before the time-critical removal process begins, Illinois EPA requests that a site meeting take place in order to discuss program goals and objectives for this project. At that time, Illinois EPA will also make available all necessary file information and copies of past inspections. Please have your On-Scene Coordinator arrange a meeting with Mark at 217-524-1656 and myself at the above reference phone number as soon as possible to arrange a site visit and discuss future site activities.

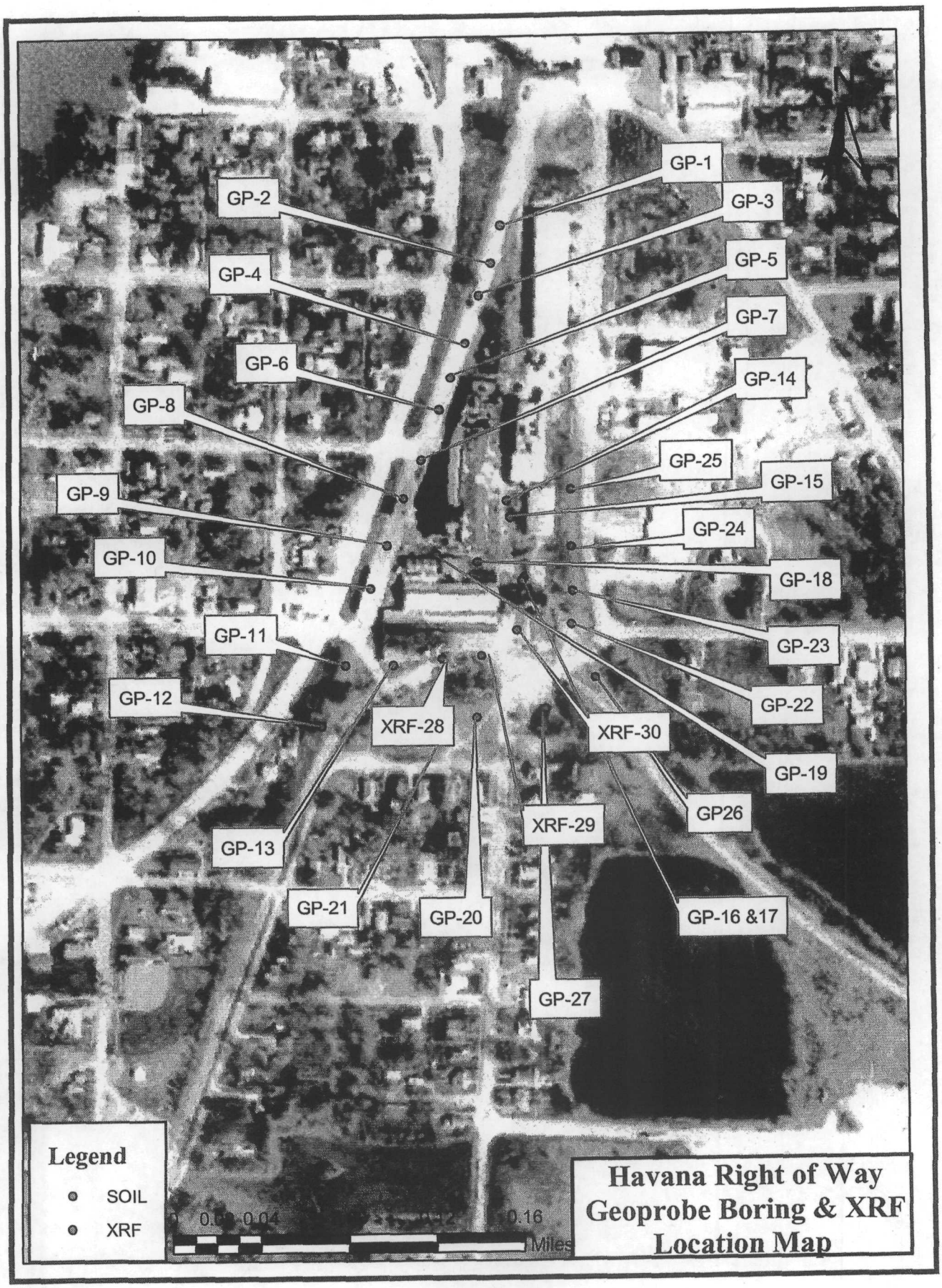
Thank you for your consideration and we look forward to working with U.S. EPA in this and other future removal activities.

Sincerely,



Bruce Everetts
Office of Site Evaluation
Division of Remediation Management
Bureau of Land

cc: Division File, w/ attachments
Mark Weber, OSE, w/o attachments
Linda Nachowicz, U.S. EPA, w/o attachments, via e-mail


GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7
GP-8
GP-14
GP-25
GP-9
GP-15
GP-24
GP-10
GP-18
GP-11
GP-23
GP-12
GP-22
XRF-28
XRF-30
GP-19
GP26
XRF-29
GP-13
GP-21
GP-20
GP-16 &17
GP-27
Legend
SOIL
XRF
0.04
0.16
Miles
Havana Right of Way
Geoprobe Boring & XRF
Location Map

HAVANA RIGHT OF WAY XRF DATA

LOCATION	DEPTH	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Chromium
GP #1									
3	Surface	48.74							
4	2'	44.28	38.01					209.86	
5	3'	28.6	23.81						
6	4'								
7	4'	26.73							
8	5'		25.69						
9	6'	26.09							
GP #2									
10	2"	79.28	52.72					415.62	
11	10"	281.93	1506.25	55.9	144.72	106.34			
12	2'	192.75	46.06			88.76		352.98	
16	3'	27.71							
17	4'	39.39							
GP #3									
18	2"	223.16	797.9		141.5	112.77			
19	1'	186.34	403.82		111.73				
20	2'	30.83						272.42	
21	3'								
22	4'								
24	9" Comp	106.43	346.46		44	57.8			
GP #4									
25	5"	240.45	983.18		183.41	129.59			
26	1'	79.11	152.63						
27	2'	141.55							
28	3'	32.86							
29	3.5'		27.98						
30	4'	28.05							
31	5'								
GP #5									
32	4"	267.43	2554.16	81.76		138.43		558.84	
33	11"	515.31			147.49	177.73		873.76	
34	1.5'	24.17	21.13						304.79
35	2.5'	54.52							
36	3.5'								
37	4" - 7" Comp	91.61	812.83		55.91			423.8	
GP #6									
38	3"		45.12					312.03	
39	1'	383.57	915.16	44.19	114.32	166.99			
40	1.5'	155.31	449		95.91				
41	2'	35.29	169.33						
42	3'		83.62						
43	4'	22.78	26.57						
GP #7									
44	6"	164.79	789.61		142.3			821.84	
45	1'	206.19	2129.64	67.76	130.7			873.7	
46	2'	23.3	57.92						
47	3'								
48	3.5'	32.57							
49	4'		21.78						
50	5'	30.51							
GP #8									
51	6"	60.16	108.16						
52	1'	40.72	84.65					1119.28	479.93
53	1.5'	216.79			95.37	87.27		227.56	
54	2'	25.54							
55	3'								
56	4'								248.6

LOCATION	DEPTH	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Chromium
GP #9									
57	2"	114.68				167.43		1202.91	
58	7"	59.79	74.95						
59	1'	38.84	1524.36					1698.89	
60	1.5'	220.3	98.87			115.78		516.76	
61	2'	271.31	48.81		150.54	145.09			
62	3'								
63	3.5'	24.96						219.51	
GP #10									
64	6"	88.41	626.72					800.96	
65	1'	53.69	52.85					1674.84	
66	1.5'	62.77	34.5					359.31	
67	2.5'							336.25	
68	3.5'	27.05							
69	4.5'	22.23						157.17	
70	6'	28.74							
GP #11									
71	4"	114.57	304.89		72.62	93.09			
72	9"	172.86	72.2		71.26				
73	1.5'							204.02	
74	2.5'	30.54							
GP #12									
75	6"	121.26	481.14						
76	1'	21	74.43						
77	2" - 9" Comp	100.66	283.62						
78	2'		63.91						
79	3'		29.19						
80	4'	29.96							
81	5'	27.4	24.44			97.06			
82	6'								
GP #13									
83	4"	192.97	109.31		140.77	267.65		3013.24	
84	10"	183.89						3661.58	
85	1.5'	212.22			201.65	115.54		349.46	
86	2'	57.75							
87	3'	19.2	22.3					173.79	
GP #14									
88	4"	64071.51		1289.43	966.22				1010.22
89	1'	501.81							
90	2'	79.22	30.8						
91	3'	50.5							
92	4'	411.93	65.11						
93	5'	27.2							
94	4" Comp	80669.98	3112.96	1885.83	2134.47	900.39		3235.21	
GP #15									
95	1"	67433.31	3215.79	1432.43	1210.6	674.48		4989.4	2783.31
96	6"	484.95	91.62						
97	1'	595.08	97.85						
98	2'	1414.63	169.03						
99	3'	66.14							
100	4'	74.89							
101	5'	55.01							
GP #16									
102	1"	84.29							
103	6"	116.39						434.54	
104	1'	176.22			74.87				
GP #17									
105	1"	262.56			251.19				
106	6"	333.07			258.83				
107	1'	38.18							
108	2.5'	30.96							

LOCATION	DEPTH	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Chromium
GP #18									
109	2.5"	409.97				2349.09	3491.74	19204.82	16097.08
110	9"	677.3						2144.89	
111	1.5'	201.47	52.52		174.13				
112	3" - 9" Comp	791.75	95.16						
113	2.5'	36.32							
114	3'	46.23							259.11
115	4.5'	33.2							
GP #19									
116	1"	1376.14			156.75				528.23
117	6"	460.51			2181.29	193.38			
118	1'	115.06			234.65				
119	2.5'	40.77							
120	3.25'	206.39			320.59			851.21	
121	4.5'	28.66							
GP #20									
122	2"	49.97							
123	6"	35.09							
124	1'								
125	2'	31.09							
GP #21									
126	2"	102.03							
127	6"	152.22			83.44				
128	1'	244.14			125.91				
129	2'	29.01							
GP #22									
130	2"	38.37							
131	6"	112.14	656.5					1277.92	
132	1'	87.66	30.38		260.09				
133	1.5'	83.94			93.19				
134	2.25'	30.65							
135	3'	22.67							
136	4'	26.23						166.78	
GP #23									
137	1"	178.41	590.4		139.07			473.61	
138	6"	209.06	198.71		112.14			462.81	
139	1'	280.78			111.05				
140	1.5'	28.68							
141	3'	27.06							
142	6" Comp	92.7	252.82		68.73				
GP #24									
143	2"	225.06	141.43		97.53			382	
144	6"	86.1	79.72		91.55				
145	1'	31.59							
146	2'	37.81							
147	3'								
GP #25									
148	2"	271.14	147.87		115.14			459.48	
149	6"	315.77	74.02						
150	1'	34.54			73.42				
151	2'		31.18						
152	3'								
GP #26									
153	1"	139.72	1123.56	40.5	134.46			492.75	
154	4"	83.14	1204.22		121.17	115.36			
155	6"	132.86	1141.5		156.65			1118.26	
156	1'	279.87	188.38		1279.33				
157	2'	28.07	25.5						
158	3'		27.15						

LOCATION	DEPTH	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Chromium
GP #27									
159	3"	43.03	24.45						
160	6"	210.64							
161	1'	253.01					1274.48		
162	2'	59.57						557.87	
163	3'	24.86						205.13	
164	4'								
SS #28									
165	Surface	99.77	94.3					1143.9	
166	6" Comp	101.58	92.98						
SS #29									
167	Surface	141.89	125.39						
168	6" Comp	115.16	47.43					745.54	
SS #30									
169	Surface	113.61							
170	4"	343.07			256.43			2422.64	

Concentrations highlighted in red indicate those which exceeded TACO Tier 1 clean-up objectives.

TABLE 2
TCLP SAMPLE SUMMARY

Sample Point	X104	X105	X106	X109	X111
pH	8.8	8.6	8.6	8.7	8.7
Geoprobe Location	GP - 14	GP - 15	GP -15	GP - 23	GP - 26
Depth	4"	1"	1" (duplicate)	0" - 6"	0" - 6"
INORGANICS (ppm)					
Antimony	--	0.04	0.02	--	--
Arsenic	--	--	--	0.16	0.33
Barium	1.20	1.80	1.90	0.24	0.26
Cadmium	0.02	0.03	0.03	0.00	0.00
Lead	290.00	360.00	300.00	0.12	0.04
Nickel	0.10	0.40	0.36	0.01	0.01
Zinc	0.93	3.60	4.10	0.11	0.47